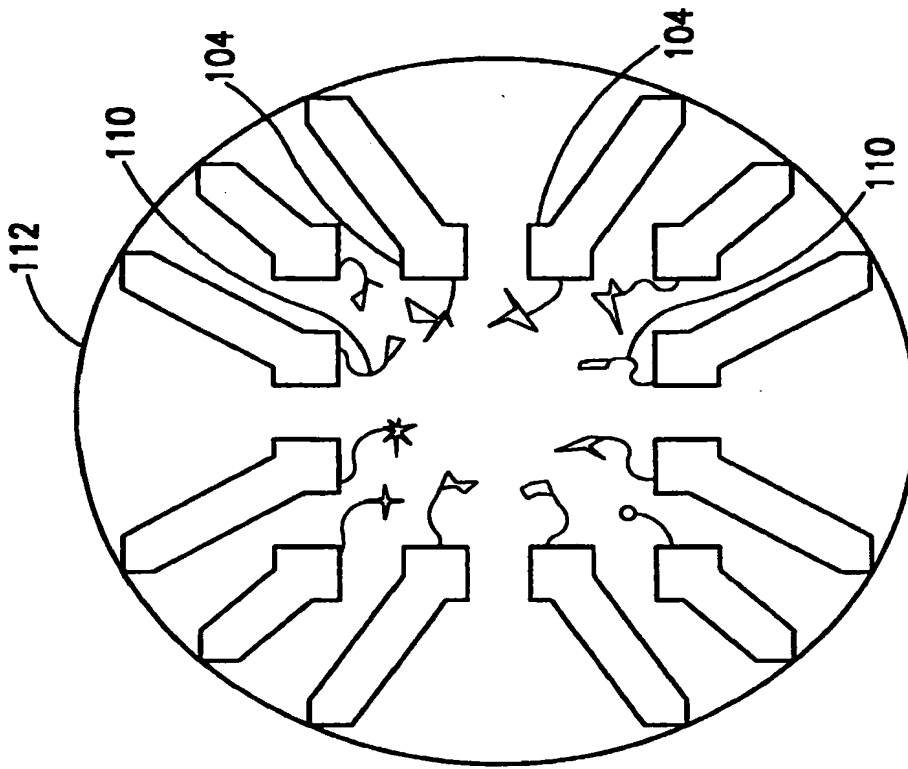
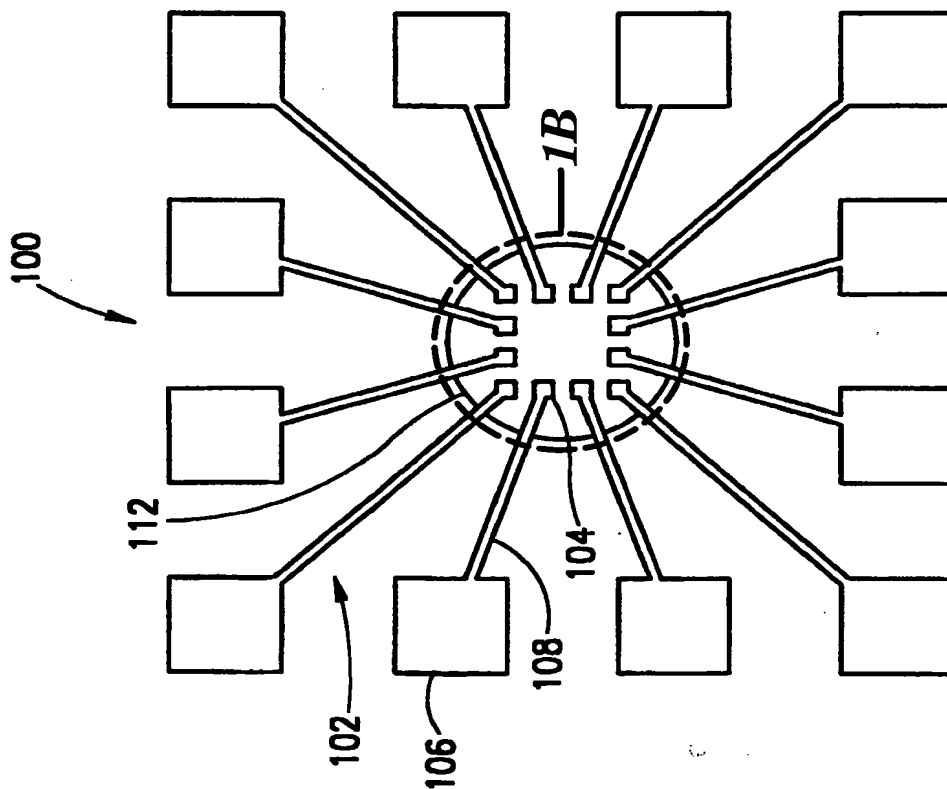


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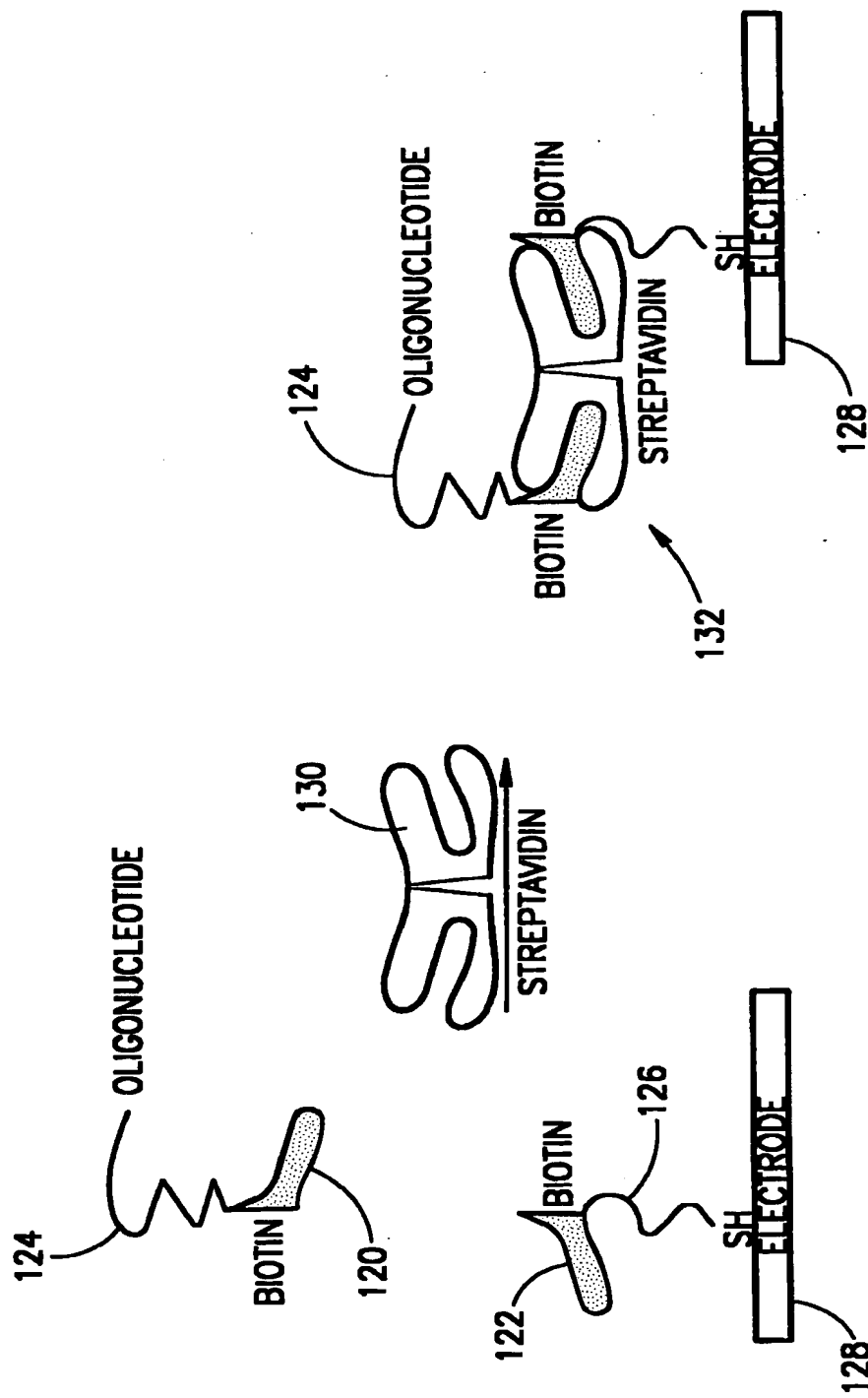


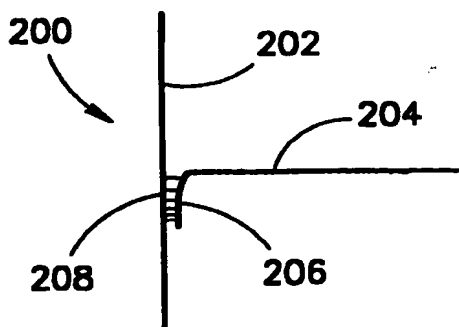
**FIG. 1B**



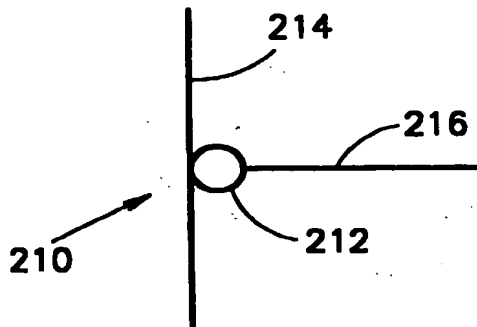
**FIG. 1A**

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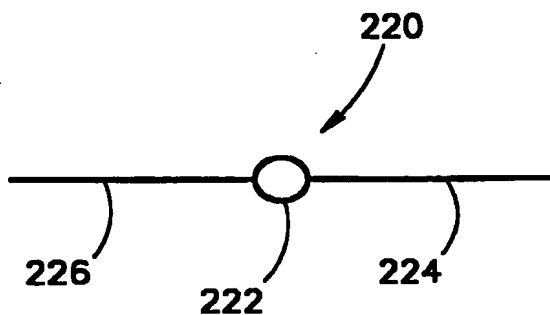




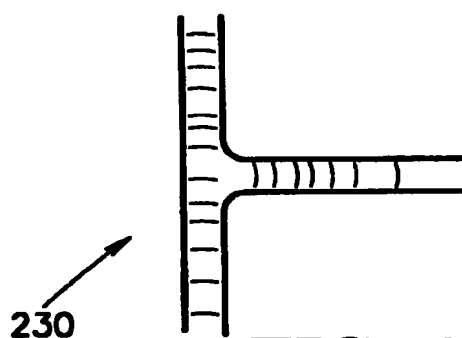
**FIG. 2A**



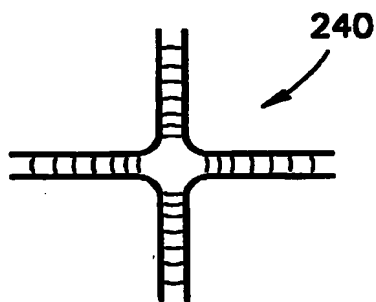
**FIG. 2B**



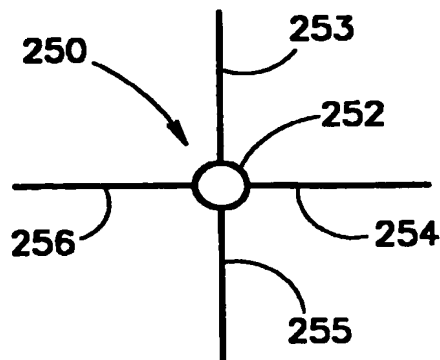
**FIG. 2C**



**FIG. 2D**



**FIG. 2E**

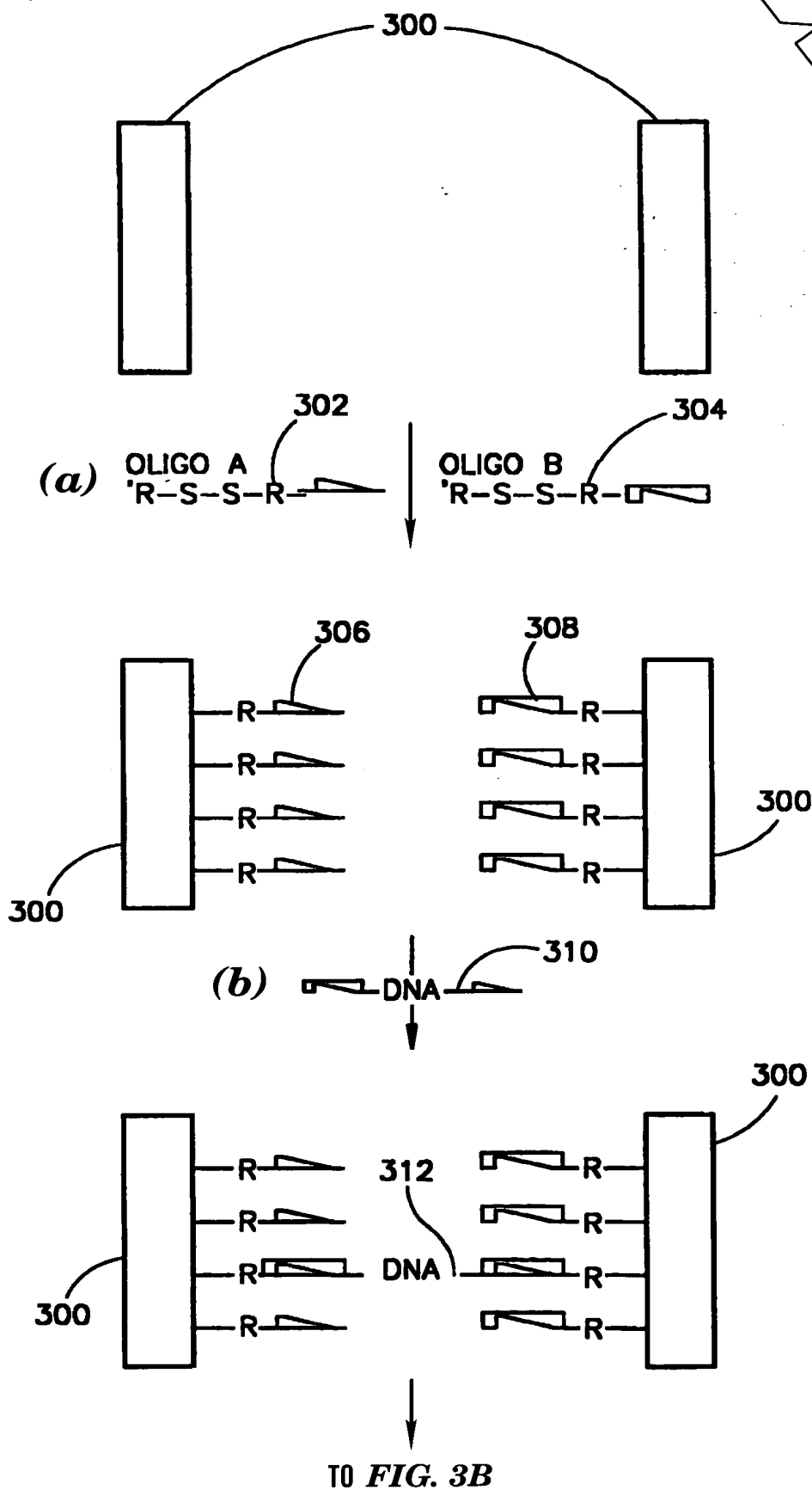


**FIG. 2F**



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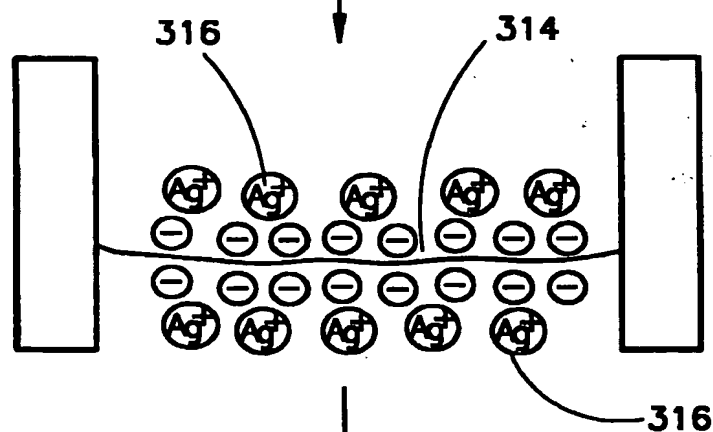
**FIG. 3A**



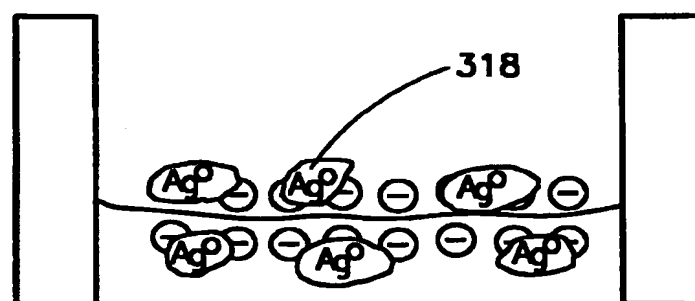
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FROM FIG. 3A

(c)  $\text{Ag}^+/\text{OH}^-$



(d) HYDROQUINONE/ $\text{OH}^-$



$\text{Ag}^+$  IONS + HYDROQUINONE/ $\text{H}^+$

(e)

$2\text{Ag}^+ + \text{Hq}$

$2\text{Ag}^0 + \text{Bq} + 2\text{H}^+$

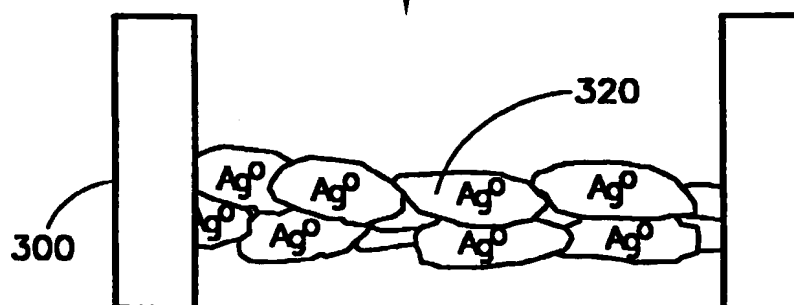
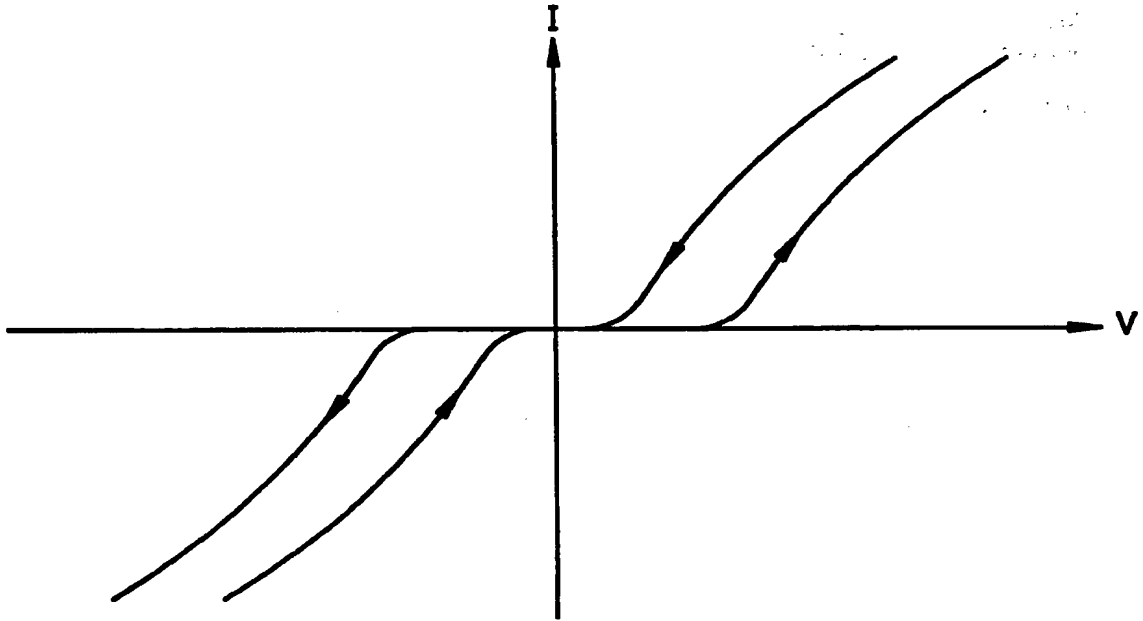


FIG. 3B



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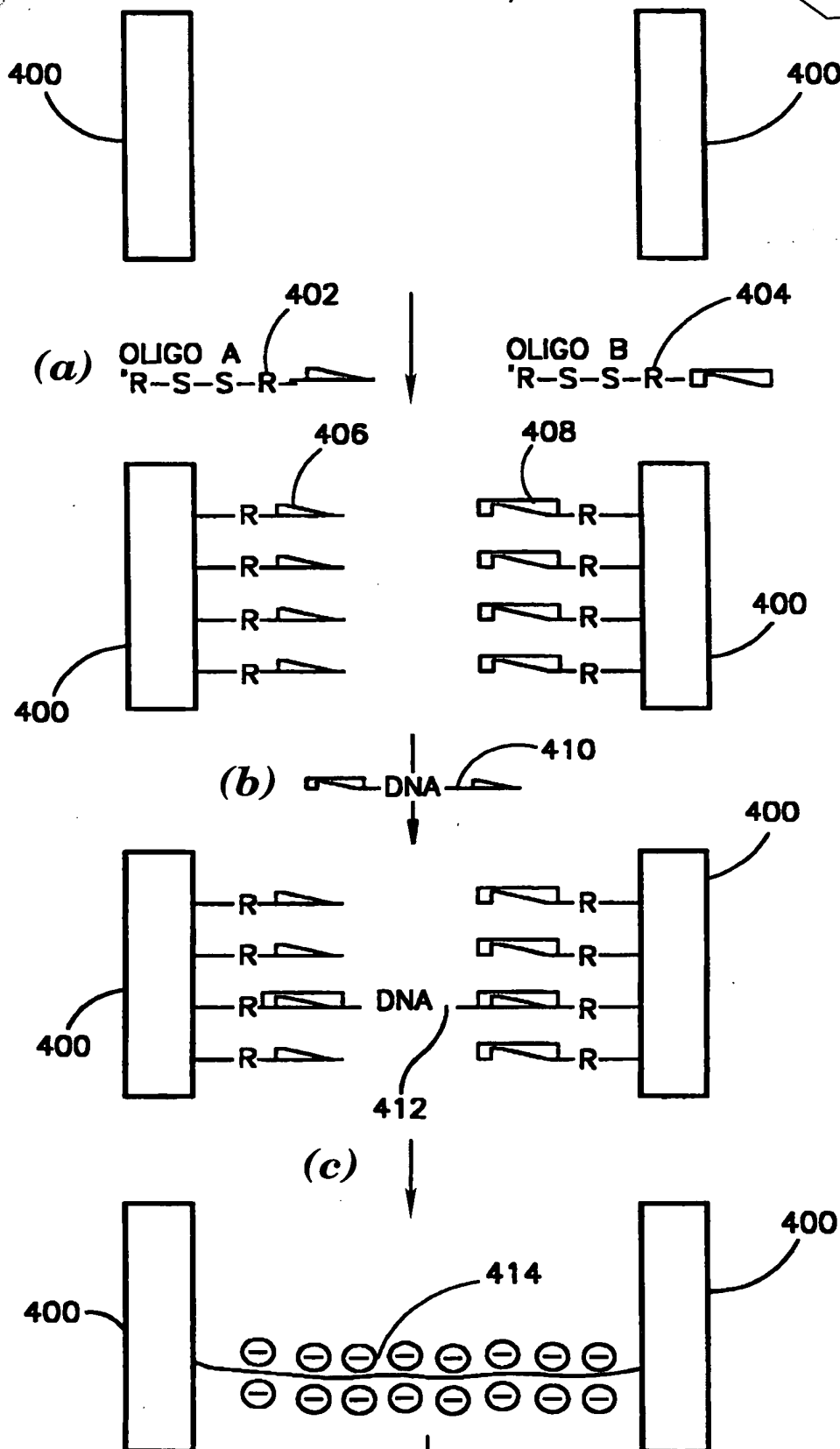


**FIG. 3C**



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**FIG. 4A**



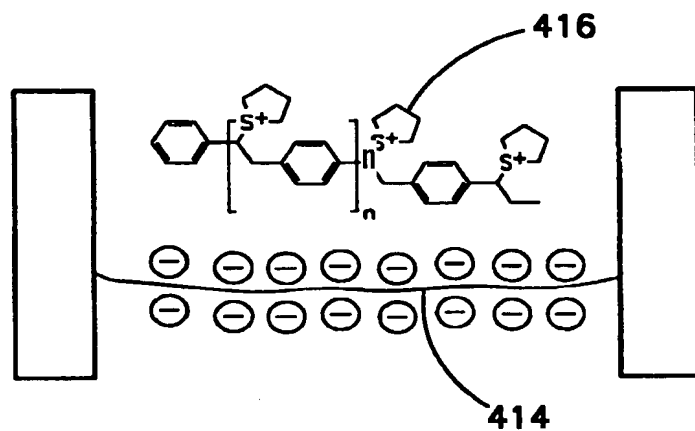
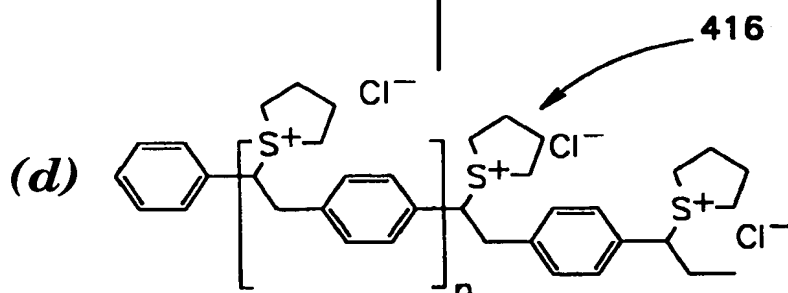
TO FIG. 4B



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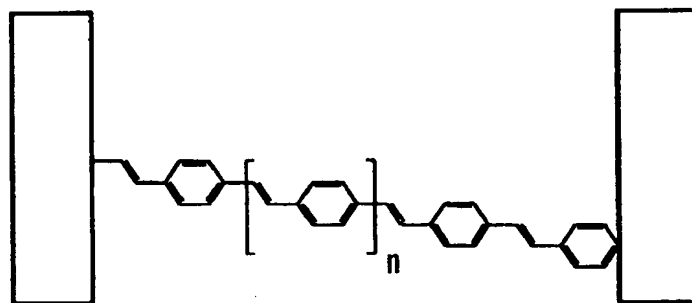
**FIG. 4B**

FROM FIG. 4A



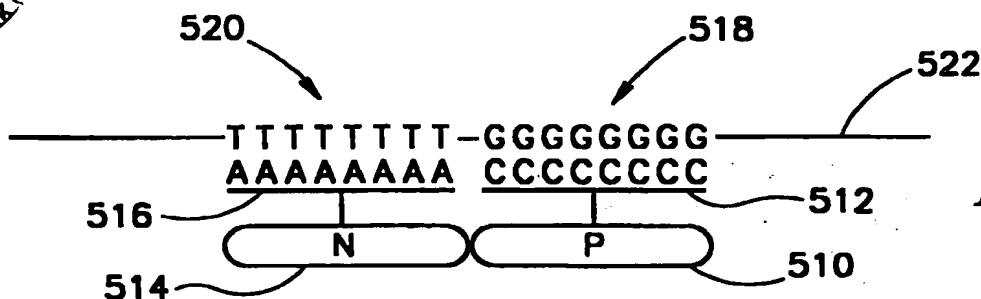
(e)

-HCl-THT





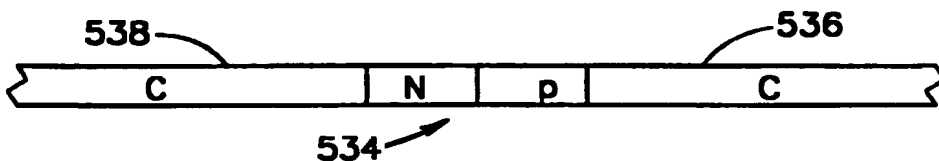
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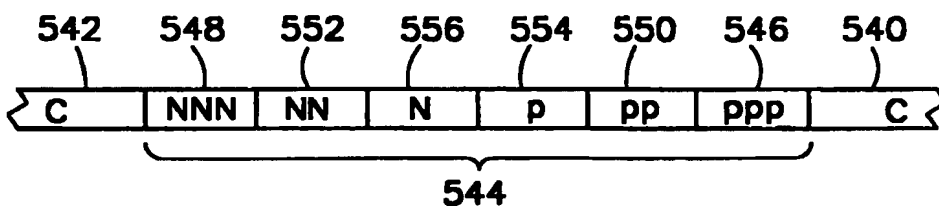
**FIG. 5A**



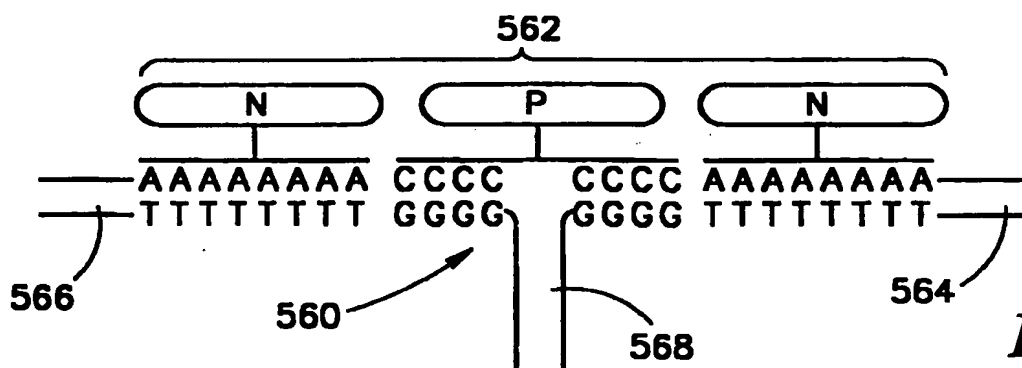
**FIG. 5B**



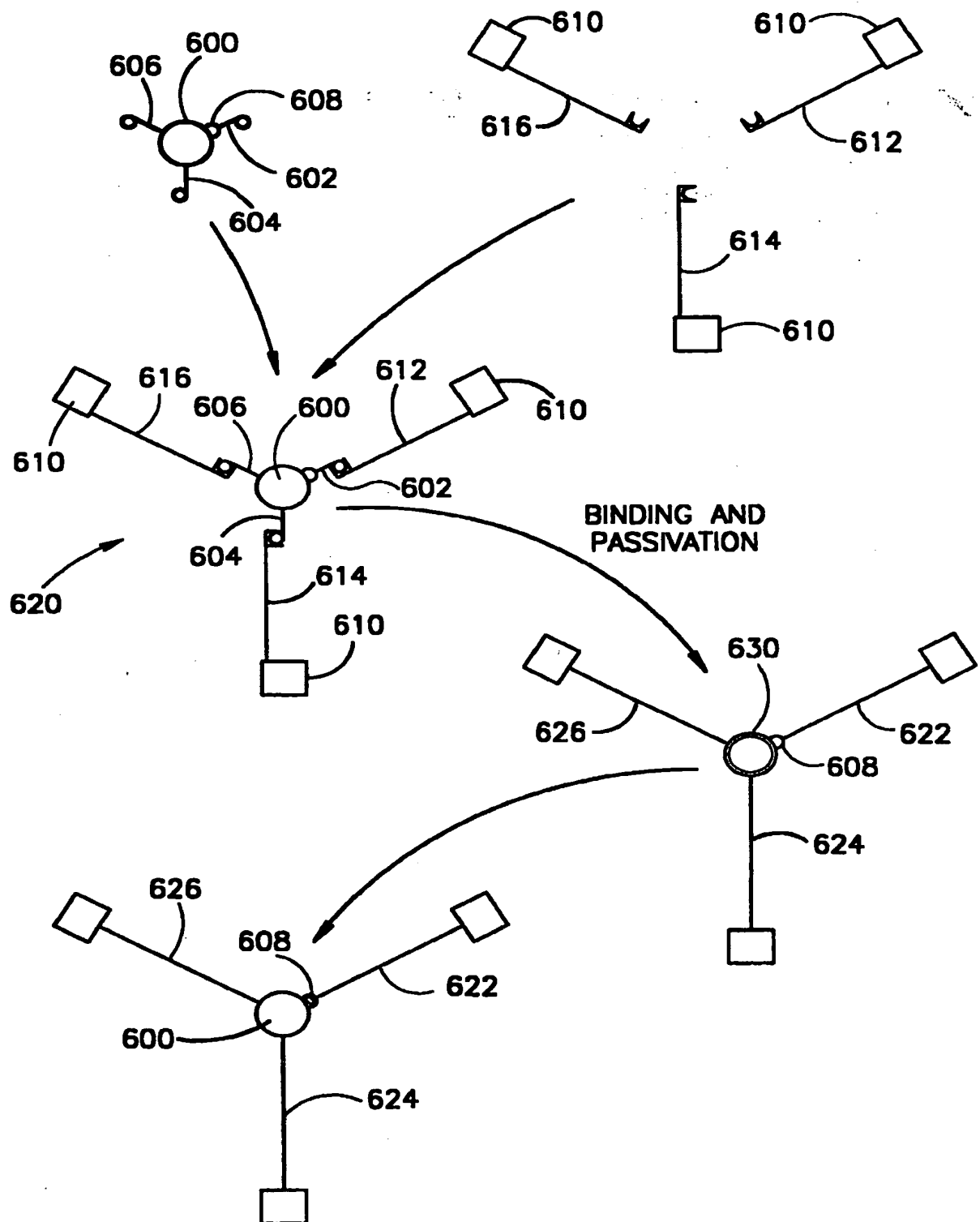
**FIG. 5C**



**FIG. 5D**



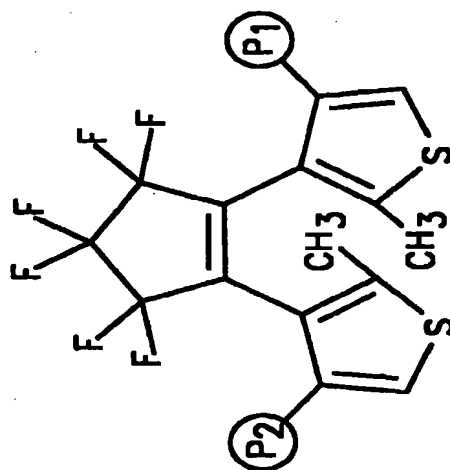
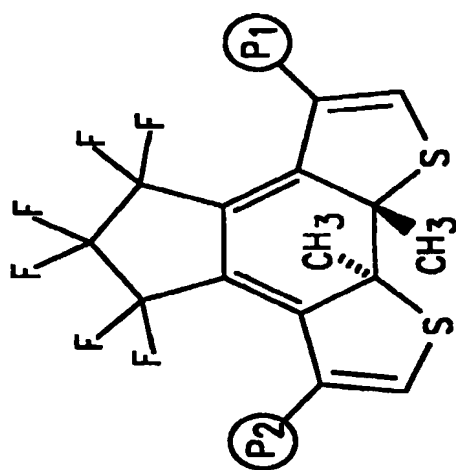
**FIG. 5E**



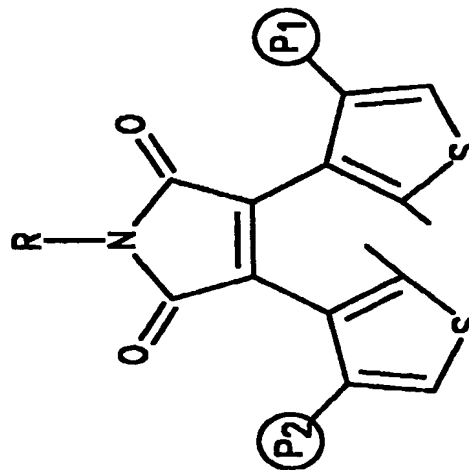
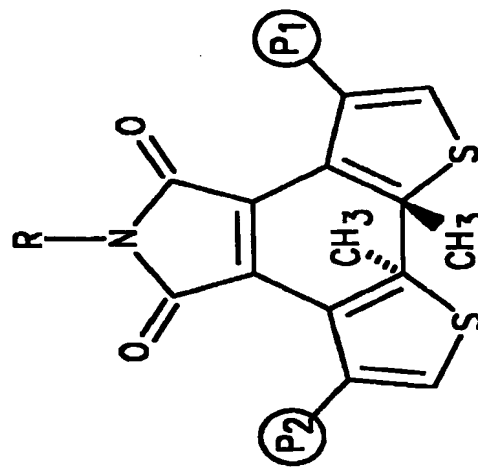
**FIG. 6**

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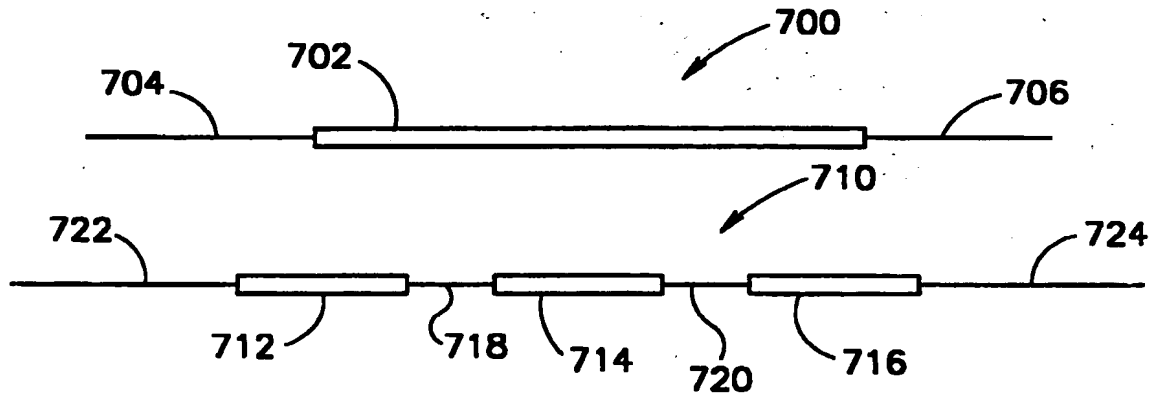
**FIG. 7A**



**FIG. 7B**



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**FIG. 8A**



**FIG. 8B**



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FIG. 9

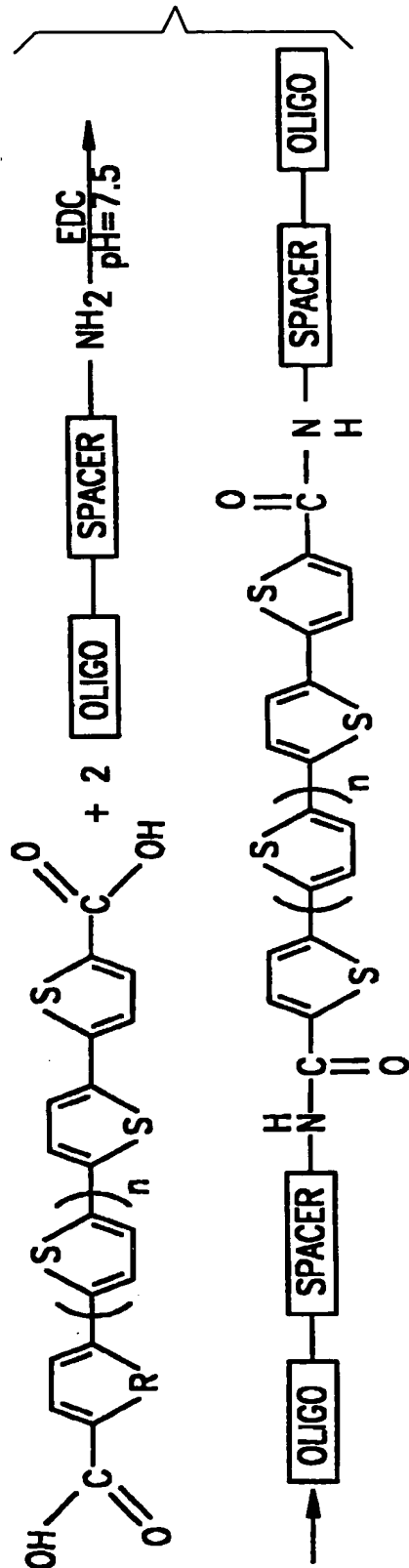


FIG. 10

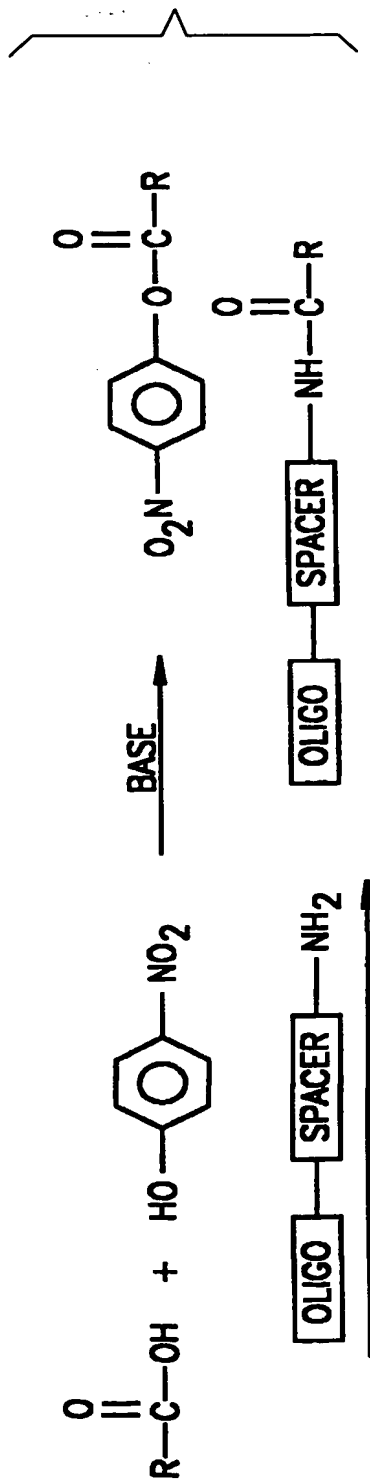
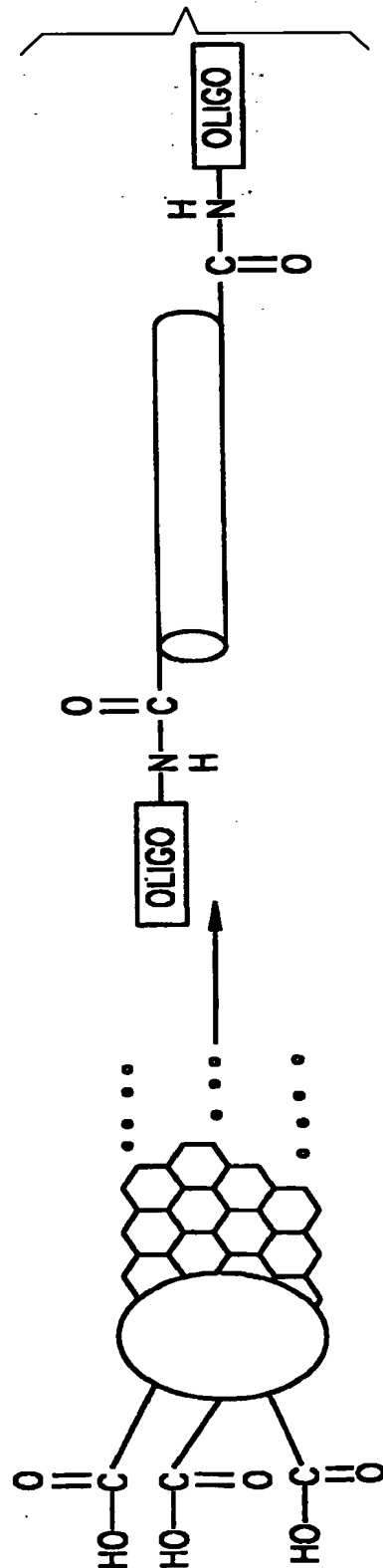
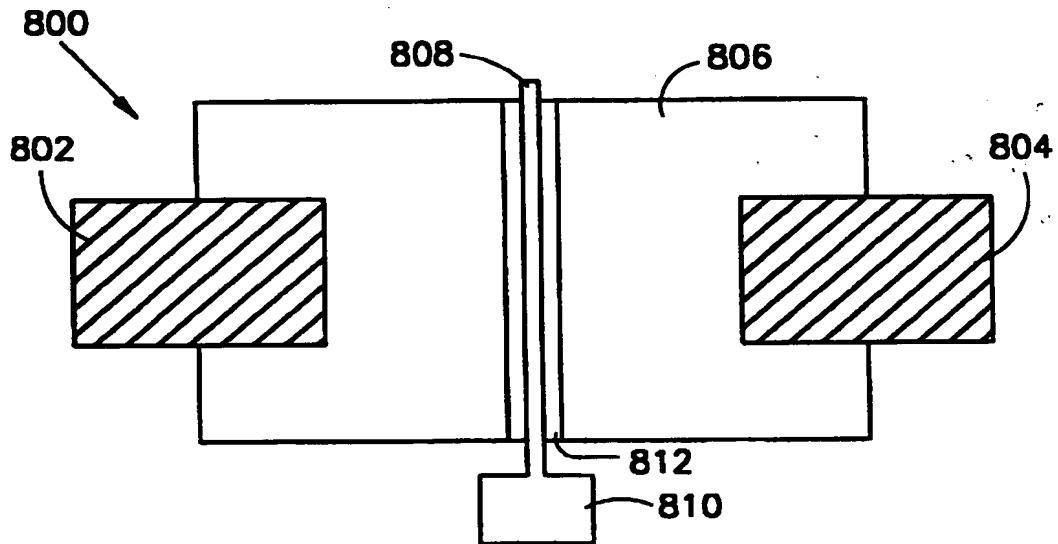


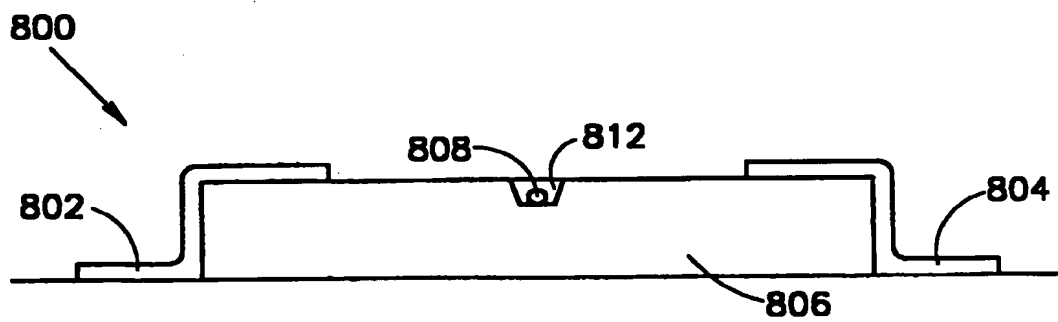
FIG. 11



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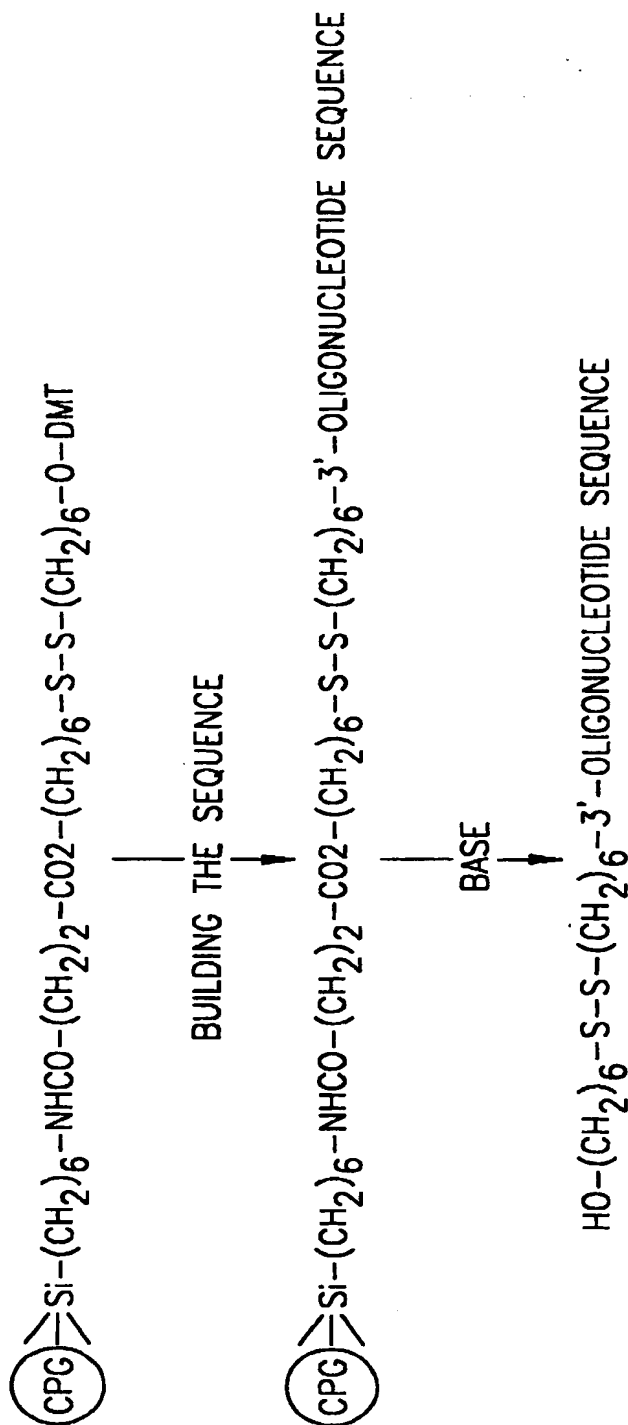


**FIG. 12A**



**FIG. 12B**

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**FIG. 13**

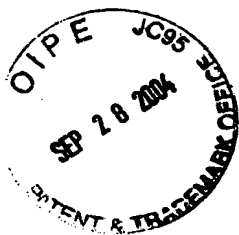
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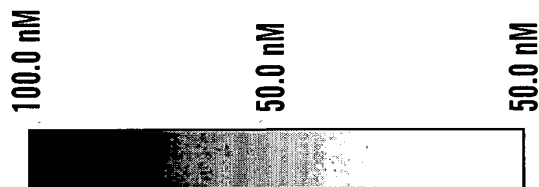
***FIG. 14***

BEST AVAILABLE COPY

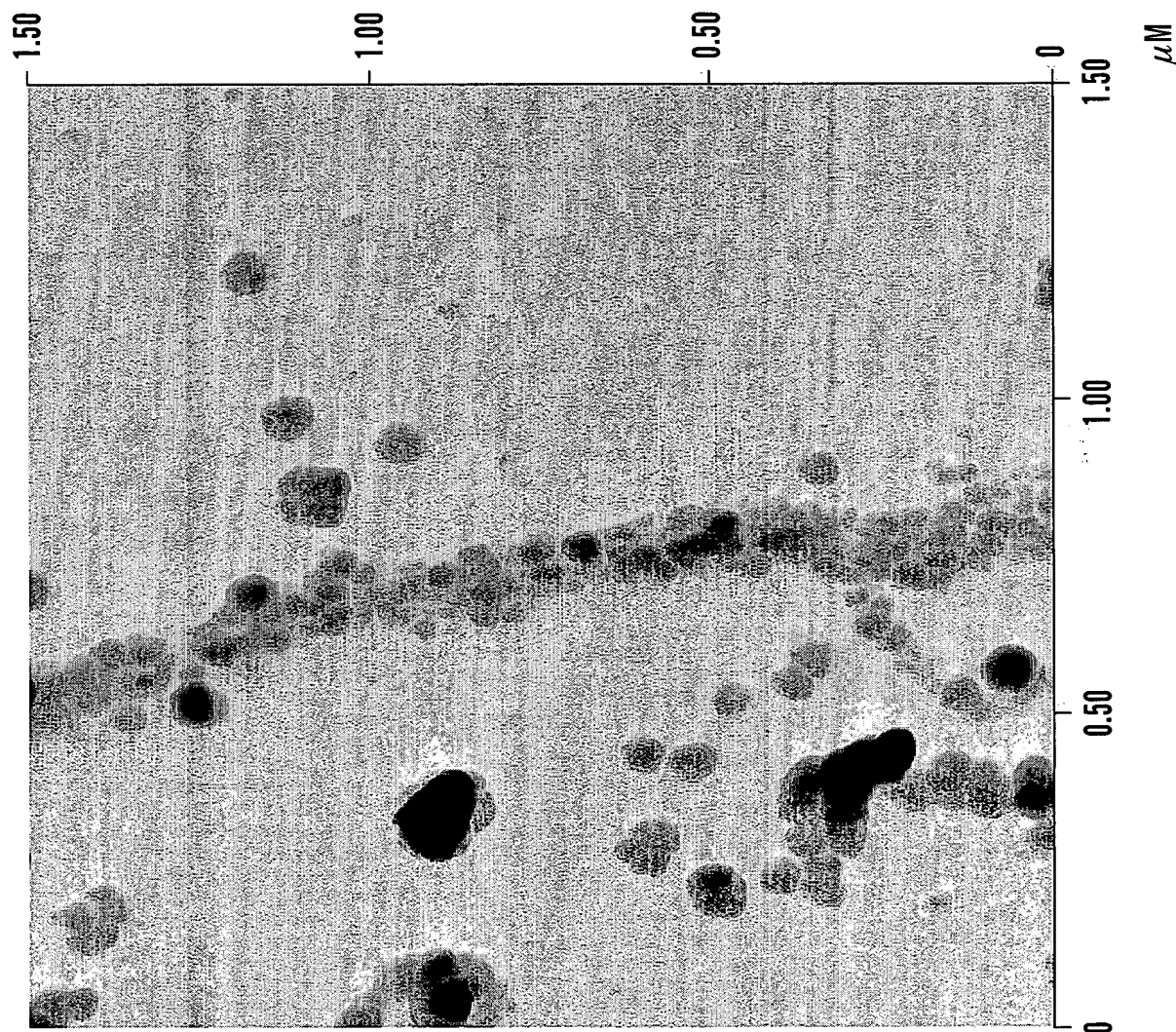




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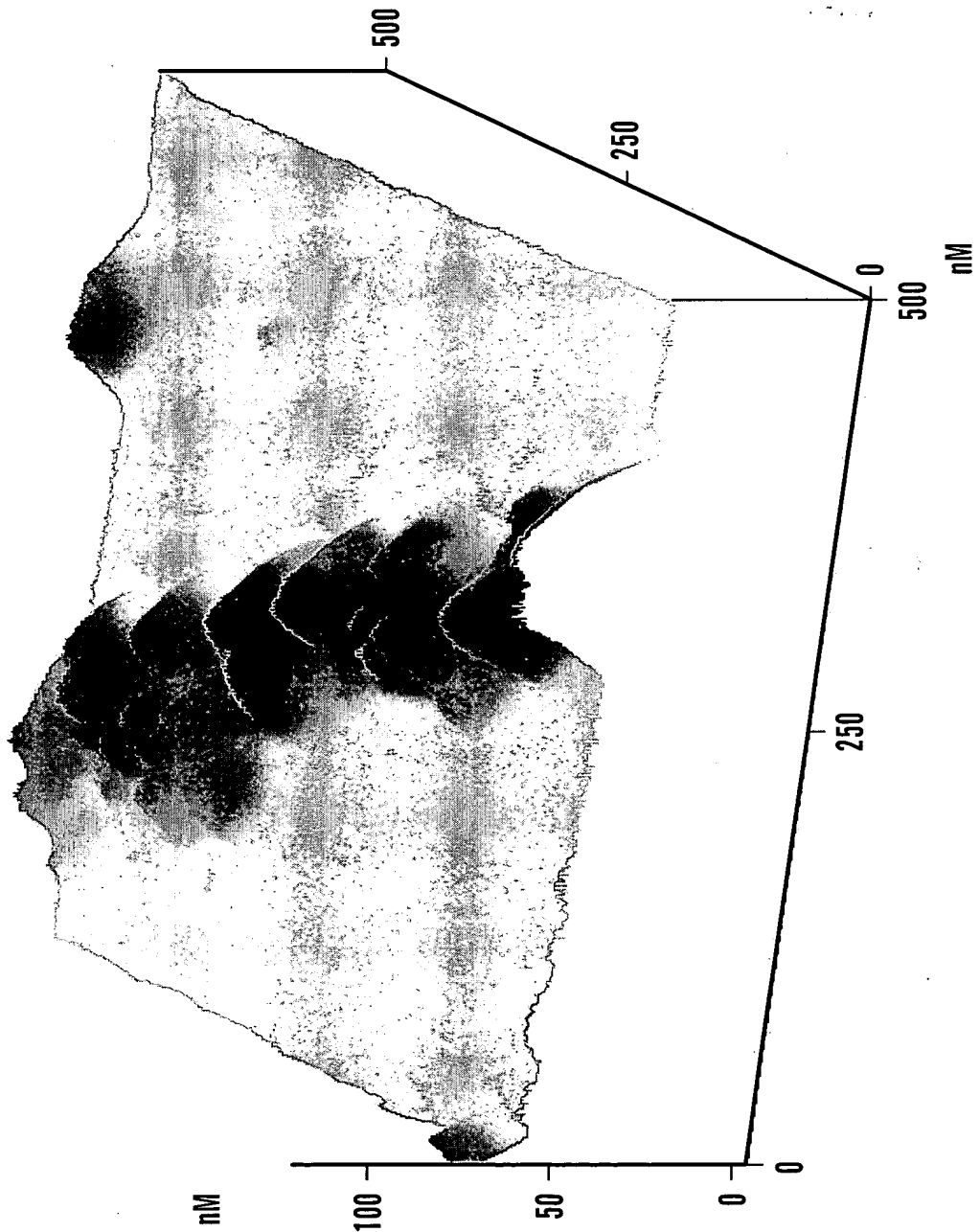
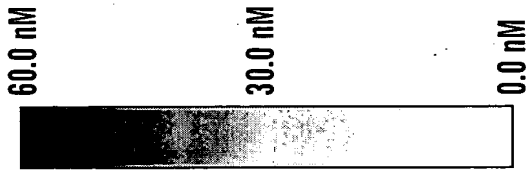
**FIG. 15A**



BEST AVAILABLE COPY



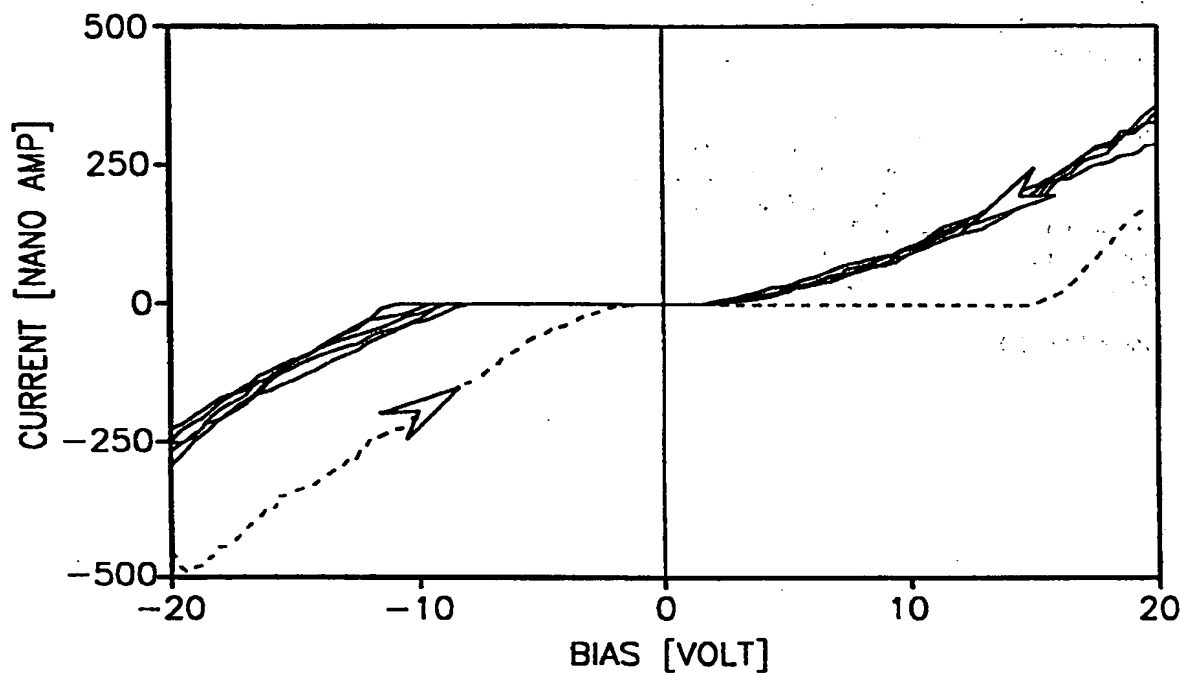
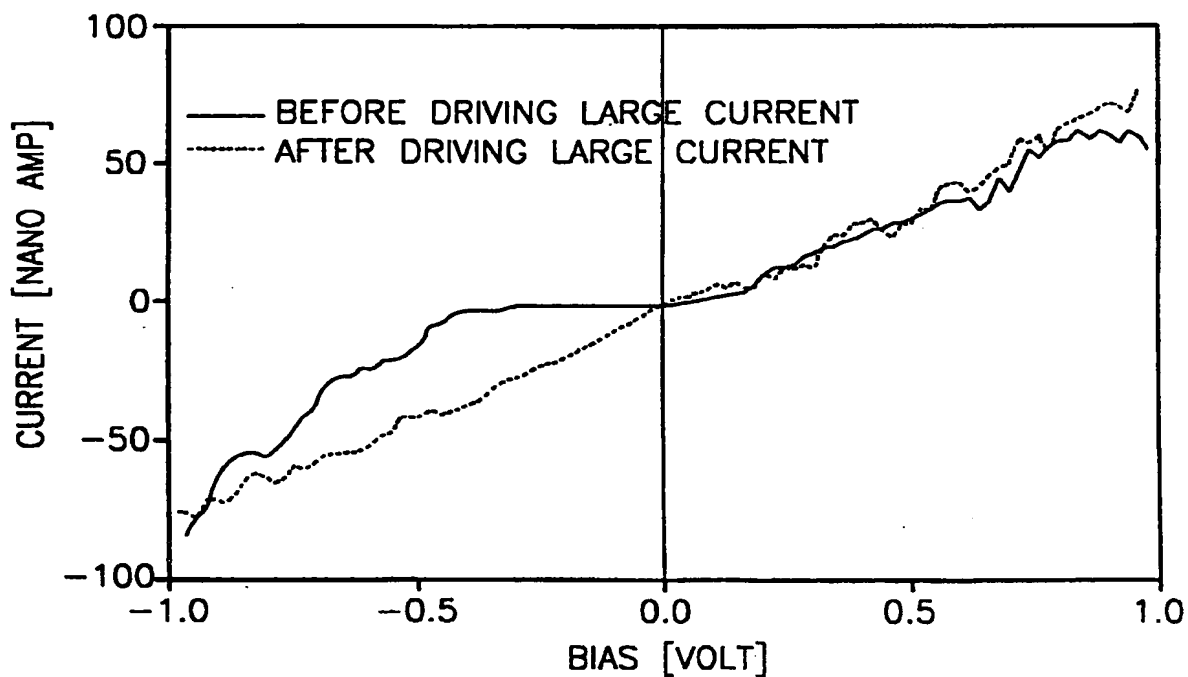
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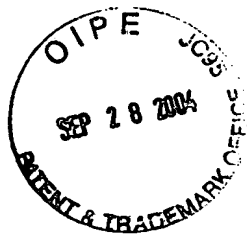
**FIG. 15B**

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**FIG. 16A****FIG. 16B**

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NANOSCOPE  
SCAN SIZE  
SETPOINT  
SCAN RATE  
NUMBER OF SAMPLES

TAPPING AFM  
335.5 nM  
1.444 V  
1.001 HZ  
512

VIEW ANGLE  
LIGHT ANGLE

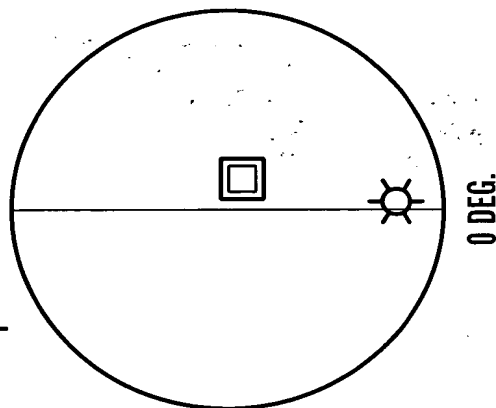
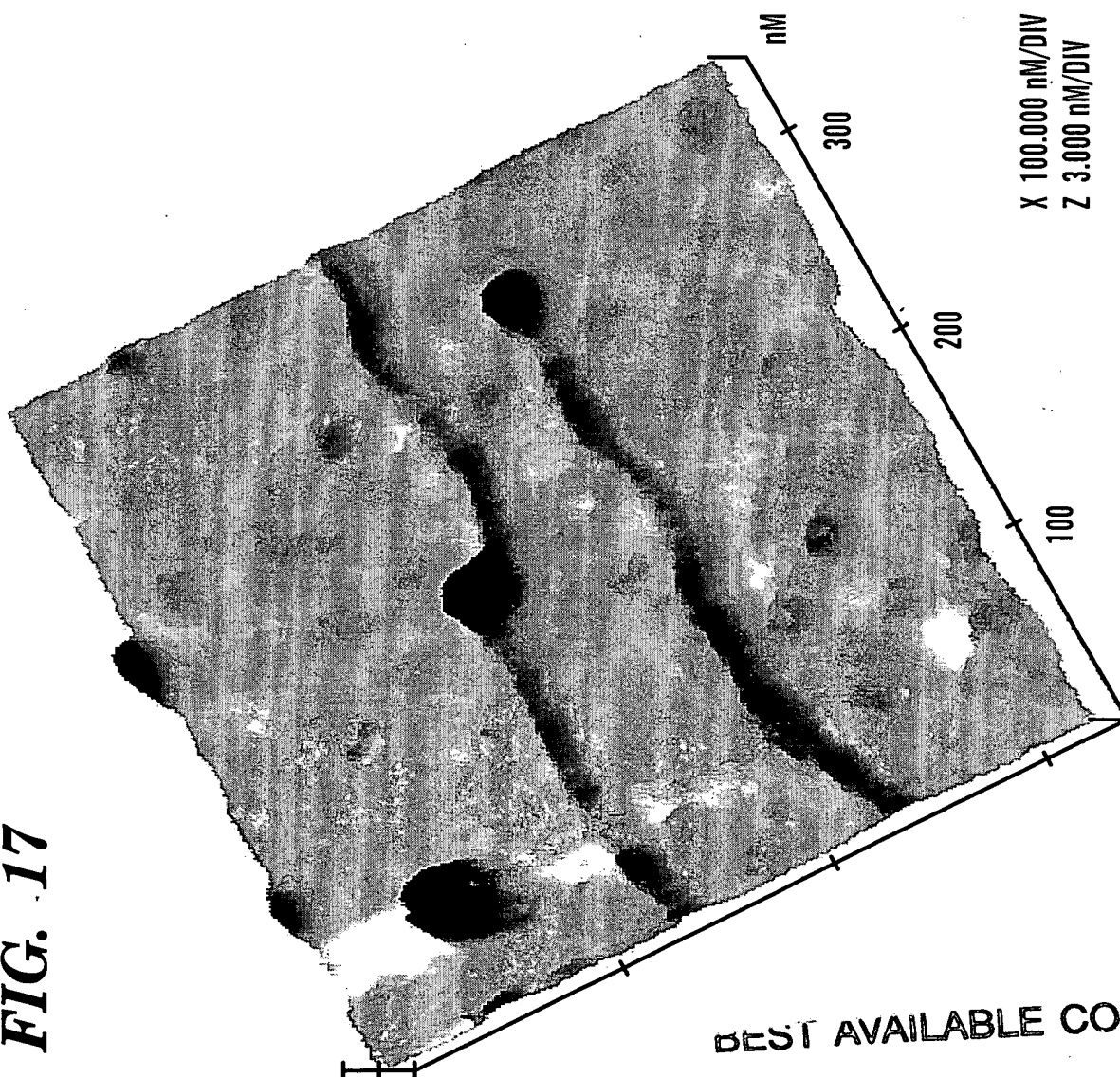


FIG. 17



X 100.000 nM/DIV  
Z 3.000 nM/DIV

comb3\_26.016

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